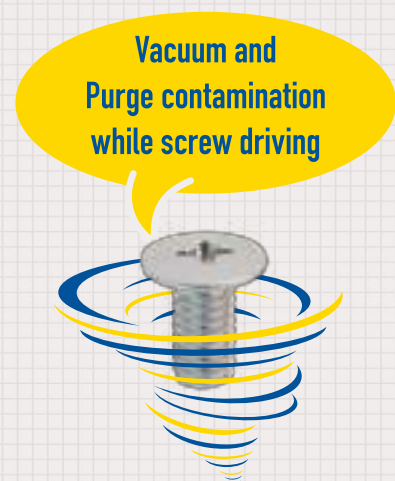




Solution for Contamination Problems

at Assembly of
Precision Products



Ordinary Product

Blow-feed & Vacuum type Screw Driving Machine

Drives the screw with vacuuming screw's head (Standard Spec.)

→ Eliminates particles on screw's head with driving the screw

Newly developed!



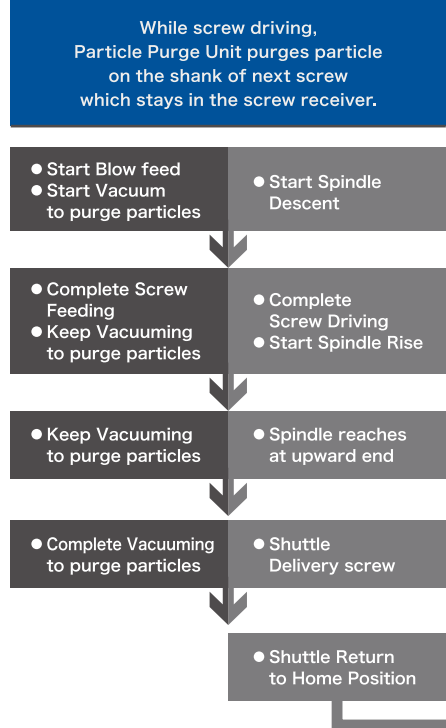
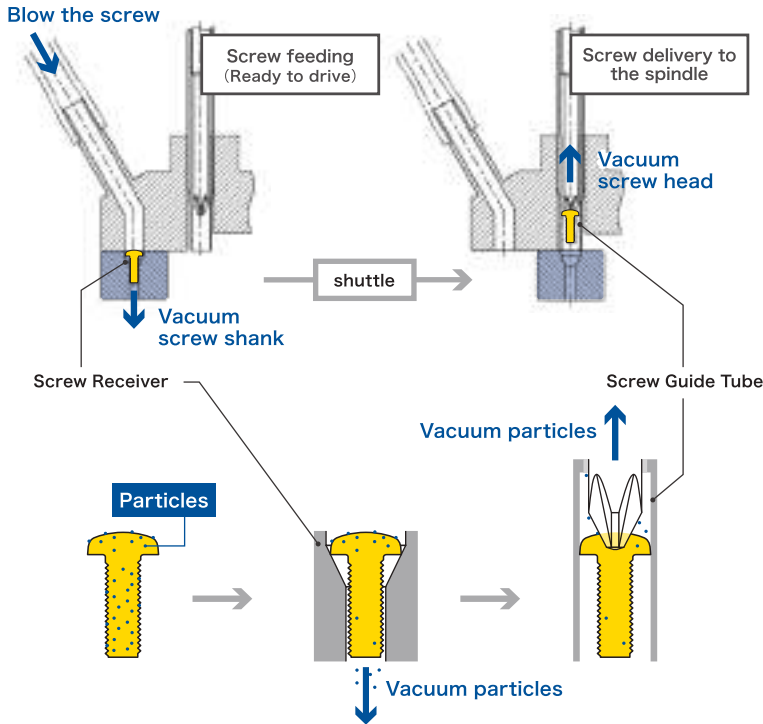
Particle Purge Unit

Vacuum unit at screw receiver

→ Purge particles on screw shank before screw driving



TECHNICAL REPORT 01 Screw Driving with Particle Purge Sequence



TECHNICAL REPORT 02 Particles Purge Ratio

Test Condition	<ul style="list-style-type: none"> ■ Screw : Machine Screw Pan Head M4×10 ■ Virtual particles : Iron Powder 0.3mm (50mesh) ■ Tested Quantity : 100pcs ■ Vacuum Time : About 3sec
Test Procedure	<ol style="list-style-type: none"> 1 Magnetizes screws to put iron powder on the surface 2 Vacuum screw's shank by Particle Purge Unit
Test Result	Screw shank Iron Powder Purge Ratio 90% or More (Mass ratio)



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